

FORM PTO-1449      US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No. <b>82858LMB</b> Customer No. <b>01333</b>		Serial No. <div style="text-align: center;"> <b>10/006546</b>            10/13/01       </div>		
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee		Applicant: <b>Mridula Nair, et al</b>		Filing Date Group		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						
U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KWL	4,739,007	04/19/88	Okada et al.			
	4,810,734	05/07/89	Kawasumi et al.			
	4,894,411	01/16/90	Okada et al.			
	5,102,948	04/07/92	Deguchi et al.			
	5,164,440	11/17/92	Deguchi et al.			
	5,164,460	11/17/92	Yano et al.			
	5,248,720	09/28/93	Deguchi et al.			
	5,385,776	01/31/95	Maxfield et al.			
	5,514,734	05/07/96	Maxfield et al.			
	5,552,469	09/03/96	Beall et al.			
	5,578,672	11/26/96	Beall et al.			
	5,698,624	12/16/97	Beall et al.			
	5,721,306	02/24/98	Tsipursky et al.			
	5,747,560	05/05/98	Christiani et al.			
	5,804,613	09/08/98	Beall et al.			
	5,830,528	11/03/98	Beall et al.			
	5,880,197	03/09/99	Beall et al.			
KWL	5,973,053	10/26/99	Usuki et al.			
FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
KWL	3-062846	03/18/91	JP			X
	7-166036	06/27/95	JP			X
	8-073710	03/19/96	JP			X
	8-120071	05/14/96	JP			X
	93/04118	03/04/93	WO			X
KWL	98/29499	07/09/98	WO			X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
KWL	Ed. T.J. Pinnavia and G.W. Beall, John Wiley & Sons, Ltd. Publishers, Polmer-Clay Nanocomposites, 2000					
KWL	H. van Olphen, John Wiley & Sons, Ltd. Publishers, An Introduction To Clay Colloid Chemistry, 1963, 1977					
	Co-pending USSN 09/_____, Dontula et al., <i>Ethoxylated Alcohol Intercalated Smectite Materials</i> (D-82056)					
	Co-pending USSN 09/_____, Majumdar et al., <i>Smectite Clay Intercalated With Polyether Block Polyamide Copolymer</i> (D-82857)					
	Co-pending USSN 09/_____, Dontula et al., <i>Article Utilizing Block Copolymer Intercalated Clay</i> (D-82859)					
NOT AVAILABLE TO THE PUBLIC						
EXAMINER	Katarzyna Wymorebokiwe			DATE CONSIDERED Aug 28, 2003		
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

FORM PTO-1449		US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Any. Docket No. 82858LMB Customer No. 01333		Serial No. US 10/006,545	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee				Applicant: Mridula Nair, et al		<b>RECEIVED</b> <b>APR 15 2003</b> <b>TC 1700</b> <b>Group 1773</b>	
				Filing Date 13 November 2001			
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<b>U.S. PATENT DOCUMENTS</b>							
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<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
KIML	0 846 661 A2	06/10/98	EP				X
KIML	0 846 660 A2	06/10/98	EP				X
KIML	00/34393	06/15/00	WO				X
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Seong Woo Kim et al., Polymer, Vol. 42, 2001, pages 9837-9848							
W. Chen et al., Composites Science and Technology, Vol. 61, 2001, pages 935-939							
EXAMINER: <i>Katarzyna Wysocki</i>				DATE CONSIDERED <i>Aug. 28, 2003</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							